

Response Under 37 CFR 1.116
Expedited Procedure
Examining Group 2871
Application No. 09/979,566
Paper Dated: December 7, 2004
In Reply to USPTO Correspondence of August 23, 2004
Attorney Docket No. 1084-011969

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims

Claims 1-10 (cancelled).

Claim 11 (currently amended): ~~The~~An LCD display incorporating a light-transmitting layer, one side of said layer having surface relief or texturing to eliminate or reduce reflections, wherein said ~~surface~~side of said ~~element~~layer forms the surface of the display which is closest to the viewer.

Claim 12 (currently amended): ~~The~~An LCD display ~~according to claim 40~~ incorporating a light-transmitting layer, one side of said layer having surface relief or texturing to eliminate or reduce reflections, wherein ~~said element has one another surface which~~the other side of said layer is stepped or ramped to form a Fresnel refracting arrangement.

Claim 13 (currently amended): The LCD display according to claim ~~40~~12, wherein ~~said element has one surface which is~~ stepped or ramped ~~and~~side is rendered at least partially light-reflecting ~~to form a Fresnel reflecting arrangement~~.

Claim 14 (currently amended): The LCD display according to claim 12, wherein individual portions or facets of said stepped or ramped ~~surface~~side are convexly or concavely curved.

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Claim 15 (currently amended): The LCD display according to claim 4011, wherein said light-transmitting material is characterised by refractive index variations forming light-deviating features imparting bulk light-diffusing properties to the material.

Claims 16-19 (cancelled).

Claim 20 (currently amended): An LCD display incorporating a plate or sheet of light-transmitting material which has one surfaceside stepped or ramped to act as a Fresnel refractor or reflector and has an opposite surfaceside which has surface relief or texturing to reduce reflection of light from ~~that other surfacesaid~~ stepped or ramped side.

Claims 21-34 (cancelled).

Claim 35 (currently amended): An LCD display incorporating a plate or sheet according to claim 20, wherein said stepped or ramped surfaceside has a reflective or semi-reflective coating to render the stepped or ramped surfaceside fully or partially light reflective.

Claim 36 (currently amended): An LCD display incorporating a plate or sheet according to claim 20, wherein individual portions or facets of said stepped or ramped surfaceside are convexly or concavely curved.

Claim 37 (previously presented): The LCD display incorporating a plate or sheet according to claim 20, wherein said light-transmitting material comprises refractive index variations forming light-deviating features imparting bulk light-diffusing properties to the material.

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Claim 38 (cancelled).

Claim 39 (previously presented): An LCD display having an LCD cell having upper and lower transparent plates superimposed upon a plate of light-transmitting material having a planar upper face parallel with the upper and lower plates of the LCD cell and having a Fresnel stepped or ramped lower surface which is provided with a semi-reflective or transfective coating, the plate being interposed between the LCD cell and a back lighting assembly arranged to direct light towards the cell perpendicularly to the faces of the latter, whereby ambient light incident on the LCD cell at an angle to the perpendicular to said upper and lower plates and passing through the cell to said plate to be reflected by said semi-reflective coating can be reflected thereby to pass substantially perpendicularly through said cell.

Claim 40 (previously presented): An LCD display having an LCD cell having upper and lower transparent plates superimposed upon a composite, partially light-reflecting, partially light-transmitting plate which comprises a first body of light-transmitting material having an upper, outer surface which is generally planar and an inner stepped or ramped surface carrying or juxtaposed with a semi-reflective coating, said composite, partially light-reflecting, partially light-transmitting plate further comprising a second body of light-transmitting material provided on the opposite side of said semi-reflective coating from the first body of light-transmitting material, the inner or upper surface of said second body conforming to the underside of the coating, the upper surface of said first body, and the lower surface of said second body being planar and parallel with one another, said composite plate being interposed between the LCD cell and a back lighting assembly arranged to direct light towards the cell perpendicularly to the faces of the latter, whereby ambient light incident on the LCD cell at an angle perpendicular to said upper and lower plates and passing through the cell to said composite plate to be reflected by said semi-

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reflective coating can be reflected thereby to pass substantially perpendicularly through said cell, while light from said back lighting assembly can pass through said composite plate without being significantly deviated.

Claim 41 (previously presented): The LCD display according to claim 40, wherein said second body of light-transmitting material is of the same refractive index as said first body.